

***Amendment to the Specification***

Please replace the paragraph starting at page 16, line 23 with the following paragraph:

Accordingly, Mummery et al. do not teach a method of providing tissue or tissue-like structures allowing integration and alignment of said endoderm cells with the hES cells. To the contrary, the use of mouse endoderm cells already indicates that ~~the~~ those cells are removed ~~get rid of~~ when using the differentiated cardiomyocytes for further applications including transplantation. Also in contrast thereto, the methods of the present invention typically employ stem cells and ~~embryonic~~ embryonic cells originating from the same species, most preferably from human.